



SPYWOLF

Security Audit Report



Completed on
August 6, 2023

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OVERVIEW

This audit has been prepared for **KandyLand** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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KANDY LAND



PROJECT DESCRIPTION

According to their website:

"The KandyLand token is more than just a token – it's a symbol of the sweet and playful spirit of KandyLand. With its candy-themed design and bright colors, the KandyLand token is sure to bring a smile to your face every time you use it!

But the KandyLand token isn't just fun and games – it's also a practical way to engage with the KandyLand ecosystem."

Release Date: Launched on July 10, 2023

Category: Ecosystem/NFTs/Games



CONTRACT INFO

Token Name

Lolli

Symbol

lli

Contract Address

0x1C5DB913C01D20175707C52A8faAa7F4790B6C7C

Network

Ethereum

Language

Solidity

Deployment Date

Jul 10, 2023

Verified?

Yes

Total Supply

1,000,000,000

Status

Launched

TAXES

Buy Tax

3%

Sell Tax

3%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	940
Uniq Senders	99
Uniq Receivers	160
Total Amount	2955429656.0889606 Ili
Median Transfer Amount	346435.1484124837 Ili
Average Transfer Amount	3144074.1022222983 Ili
First transfer date	2023-07-10
Last transfer date	2023-08-06
Days token transferred	28

SMART CONTRACT STATS

Calls Count	314
External calls	14
Internal calls	300
Transactions count	85
Uniq Callers	18
Days contract called	8
Last transaction time	2023-08-06 03:58:47 UTC
Created	2023-07-30 00:16:11 UTC
Create TX	0x0b84ea0695691efe0eb2bbd3abable7706260ddf17c5b25b8b7e5cb27c95ad3b
Creator	0x3fc91a3afd70395cd496c647d5a6cc9d4b2b7fad



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

Owner can set buy/sell fees up to 9%.

Combined buy+sell = 18%.

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function setFees(uint8 newBuyTax, uint8 newSellTax) external onlyOwner {
    require(newBuyTax <= 9 && newSellTax <= 9, "fees must be <=9%");
    require(newBuyTax != buyTax || newSellTax != sellTax, "new fees cannot be the same as old fees");
    buyTax = newBuyTax;
    sellTax = newSellTax;
}
```

Owner can exclude address from fees and max wallet limits.

Current max wallet limit is 2% of total supply and cannot be changed.

When address is excluded from fees, the user will receive the whole amount of the bought, sold and/or transferred tokens.

```
function excludeFromFees(address account) external onlyOwner {
    require(!_isExcludedFromFee[account], "address is already excluded from fees");
    _isExcludedFromFee[account] = true;
}

function excludeFromMaxWalletLimit(address account) external onlyOwner {
    require(!_isExcludedFromMaxWalletLimit[account], "address is already excluded from max wallet");
    _isExcludedFromMaxWalletLimit[account] = true;
}
```



Informational

Owner can withdraw ETH from the contract.

When this function is present, in cases ETH is sent into the contract by mistake or purposefully, contract's owner can retrieve it.

```
function withdrawStuckETH() external onlyOwner {  
    require(address(this).balance > 0, "cannot send more than contract balance");  
    (bool success,) = address(owner()).call{value: address(this).balance}("");  
    require(success, "error withdrawing ETH from contract");  
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

KandyLand

GOOD PRACTICES FOUND

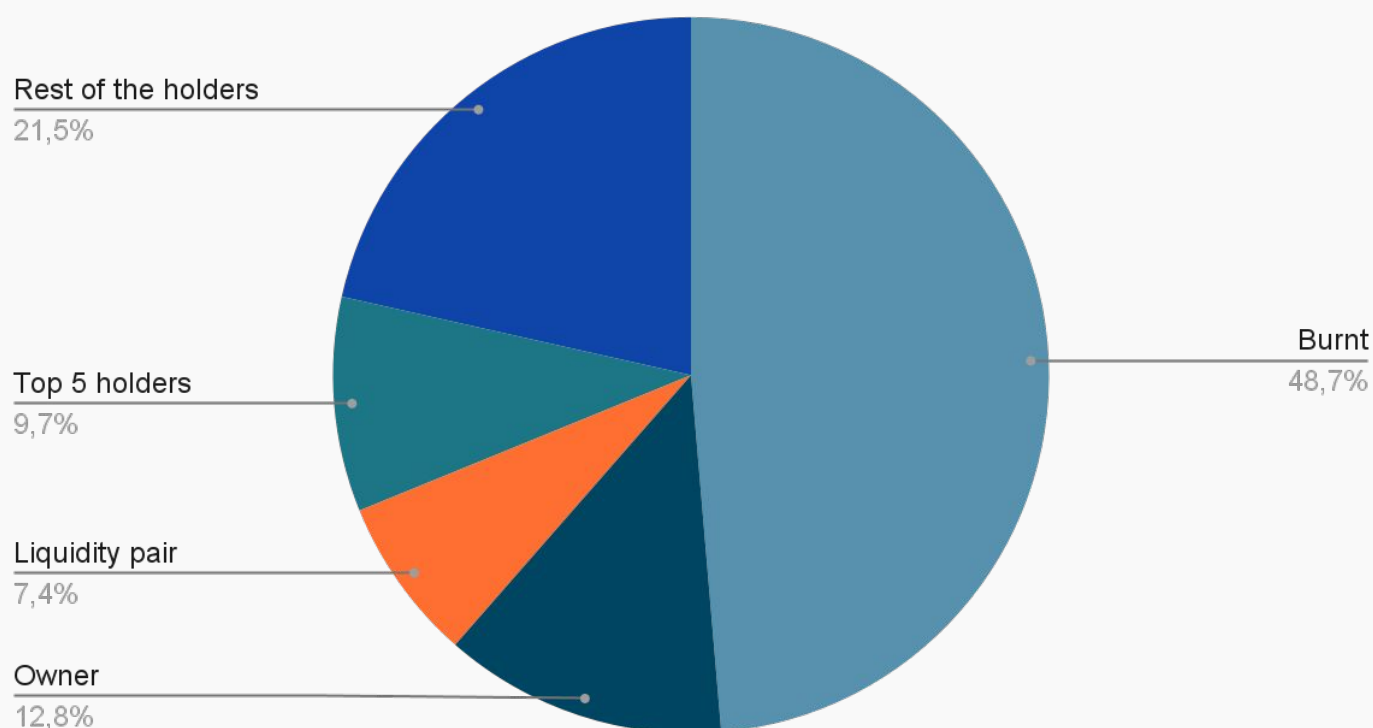
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit



Current tokens distribution according to Etherscan:

- 48.65% - Burnt
- 12.8% - Owner
- 7.4% - Liquidity pair
- 9.7% - Top 5 holders
- 21.5% - Rest of the holders

Tokens distribution

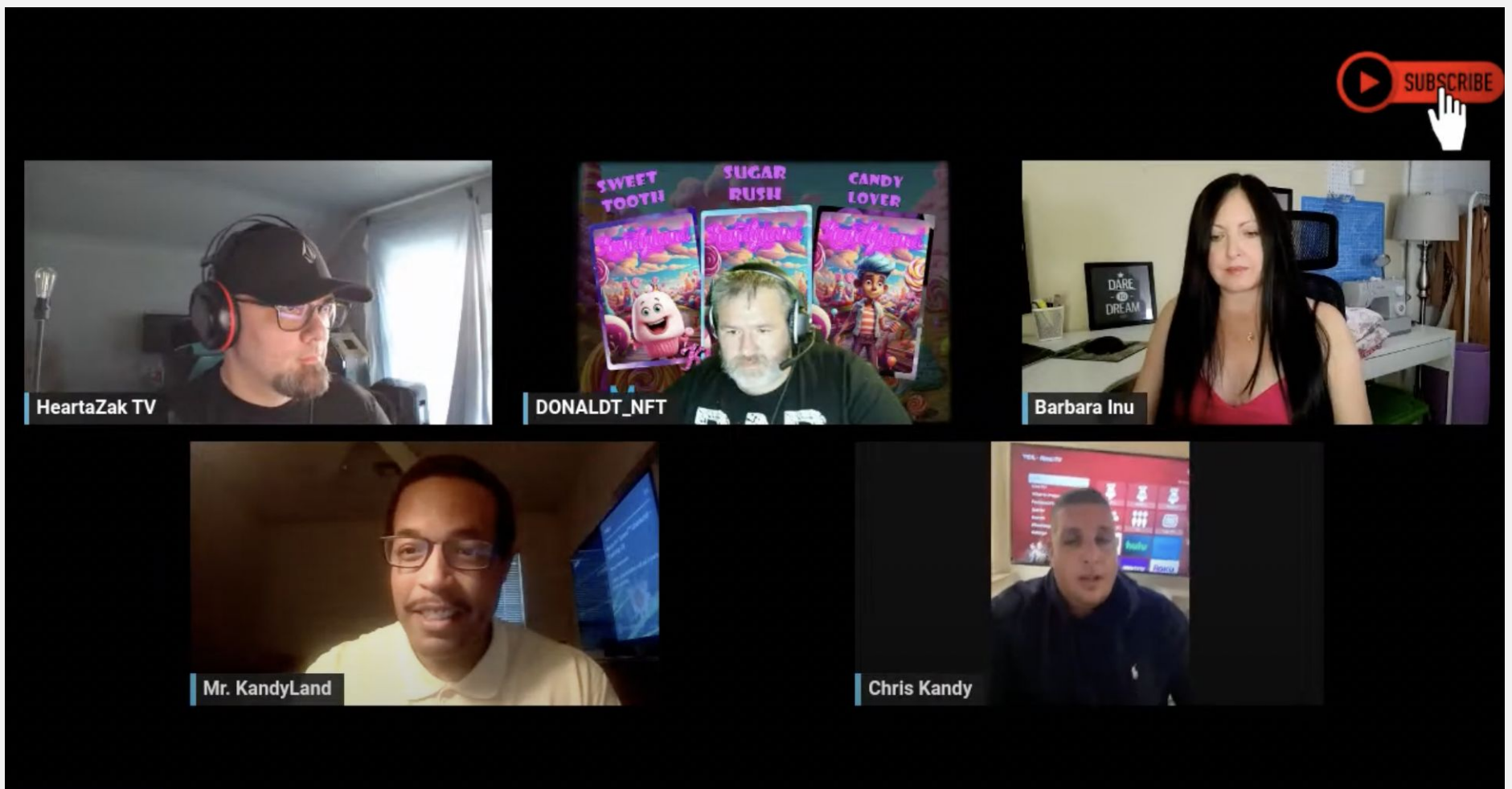




THE TEAM

✓ The team at KandyLand is publicly doxxed on video.

However, no KYC or full names have been provided.



<https://www.youtube.com/watch?v=e3C42IM9sOA>



WEBSITE

Website URL

<https://kandyland.net/>

Domain Registry

www.domain.com

Domain Expiration

2024-05-17

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Very nice color scheme and overall layout. Attractive to the user at first glance.

Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper

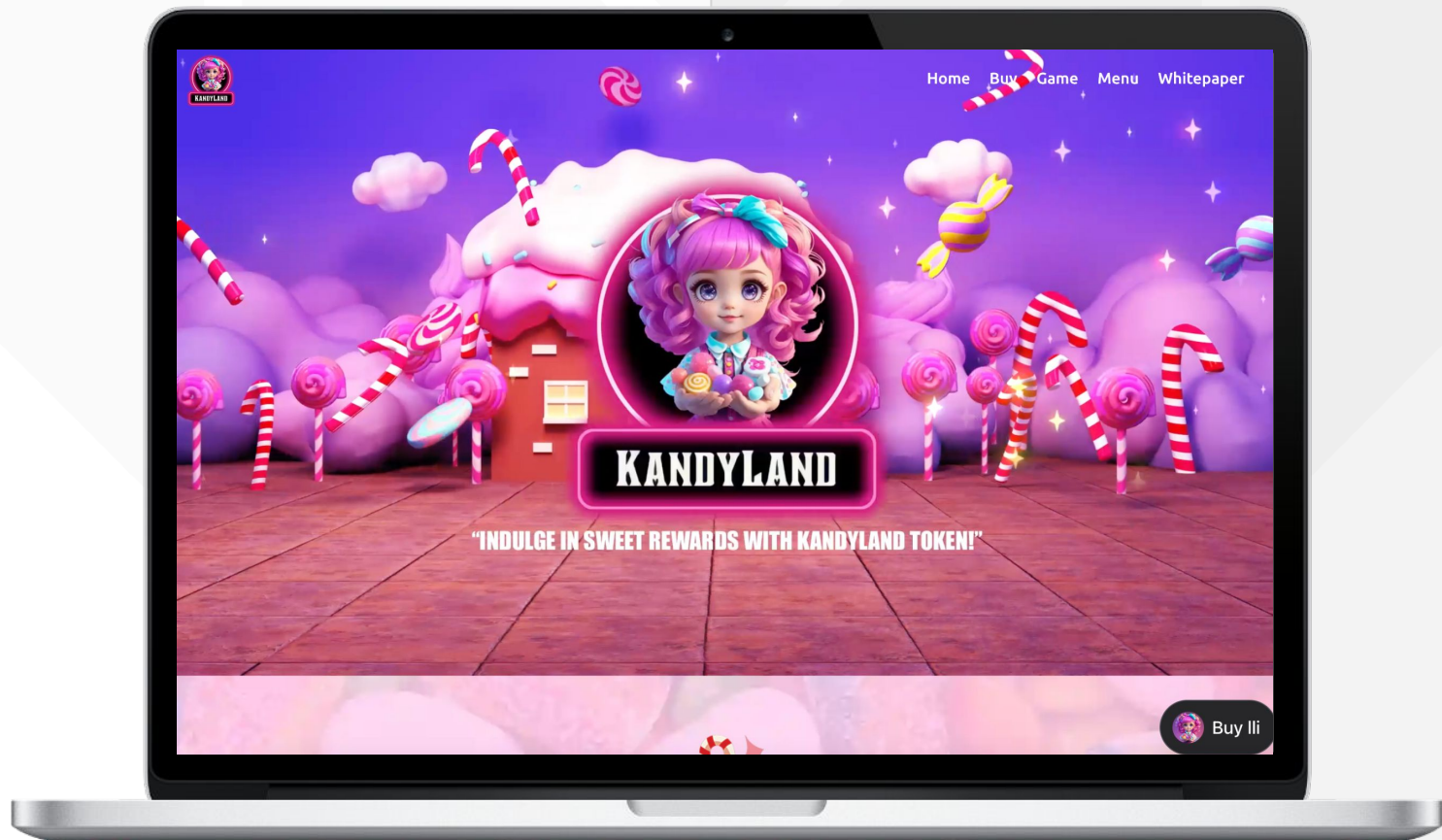
Well written, explanatory.

Roadmap

Yes, goals set without time frames.

Mobile-friendly?

Yes



kandyland.net



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media
pages are active



Twitter

@kandylanderc20

- 7 342 followers
- Posts frequently
- Active



Discord

- Not available



Telegram

@KandyLandToken

- 572 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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- ✓ MORE THAN 500 SCAMS EXPOSED
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.